Blakely, Sokoloff, Taylor & Zafman LLP (714) 557-3800 Title: VARIABLE IMPEDANCE NETWORK WITH COARSE AND FINE CONTROLS 1st Named Inventor: Chun-Mai Liu Application No.: 10/817,220 Docket No.: 42236P070C Sheet: 1 of 9 ≥ エ ~ œ œ œ α 110 FIG. 1A (PRIOR ART) 106 28 ဓ္တ 33 3 DECODER 102 CONTROL CIRCUITRY 5-BIT UP/DOWN COUNTER NCR

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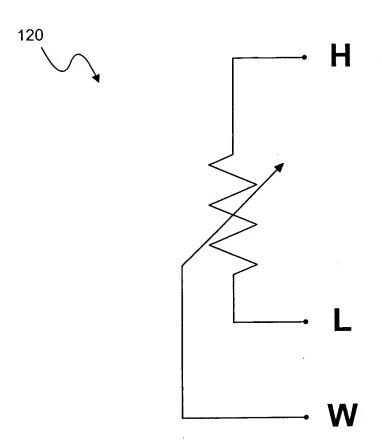
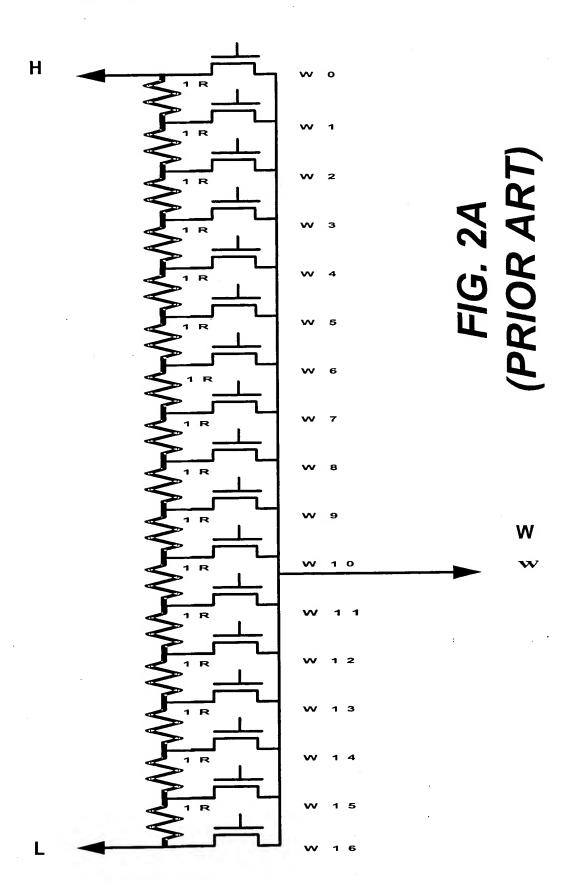


FIG. 1B (PRIOR ART)

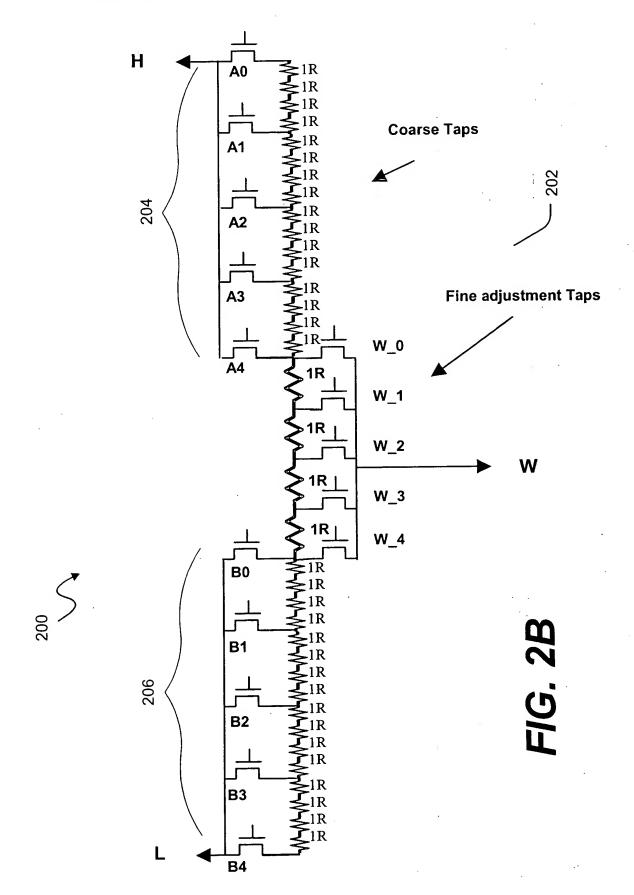
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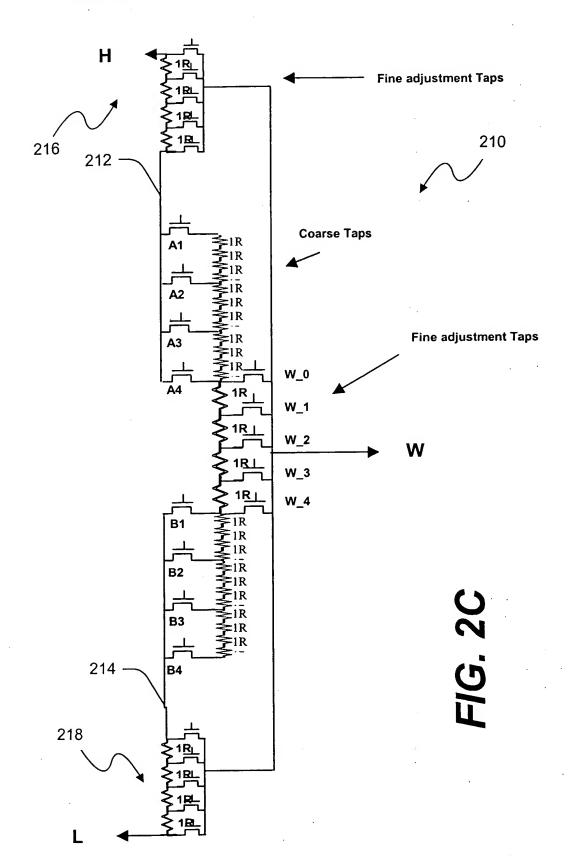
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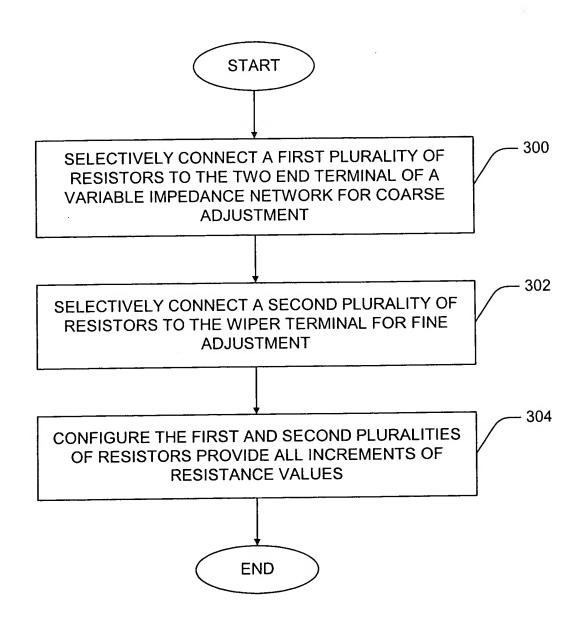


FIG. 3

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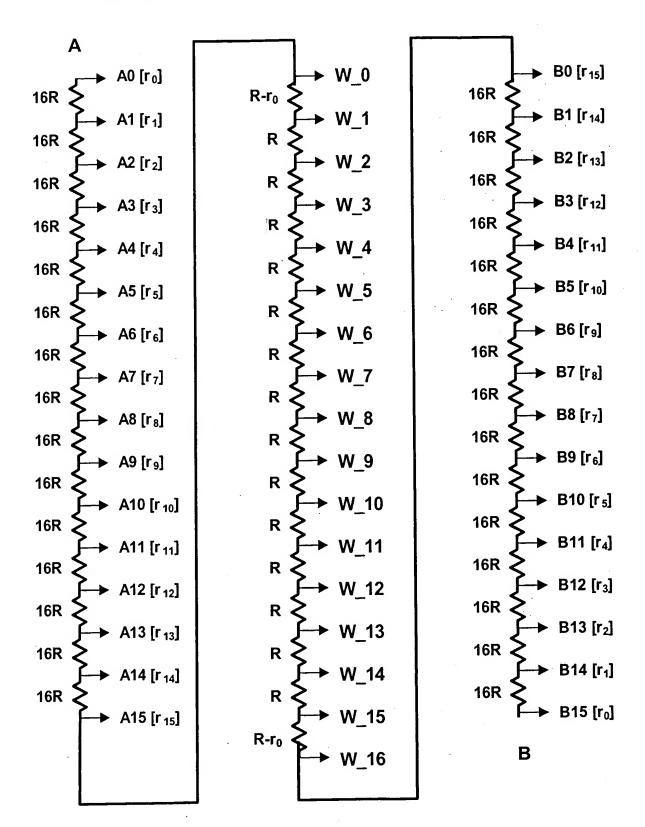


FIG. 4

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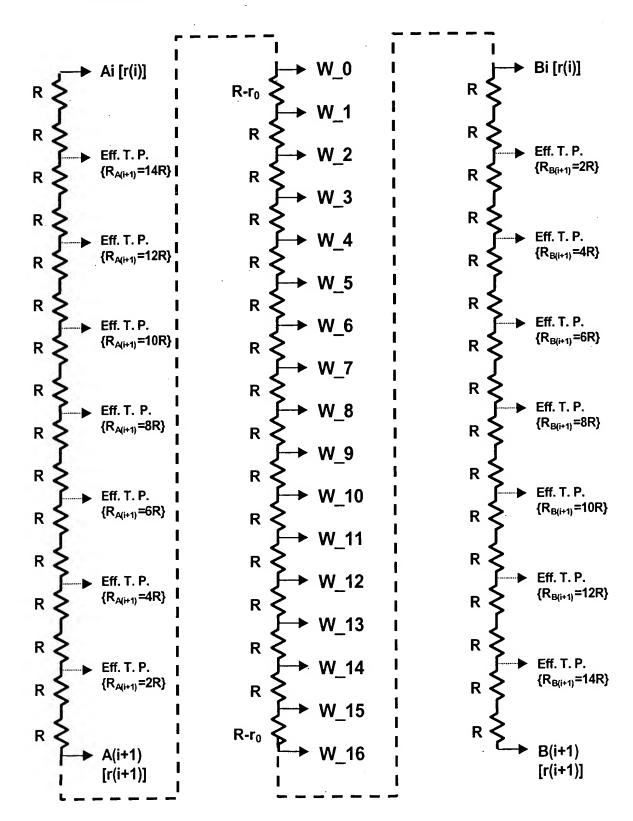


FIG. 5

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A-Effective tapping - Wiper Voltage (%) **B-Effective tapping** ·W-tapping point

FIG. 6